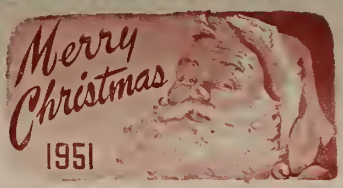

THE TEXT

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VOL. XXXI, Lowell Textile Institute | LOWELL, MASS., WEDNESDAY, DECEMBER 19, 1951 | NUMBER 7

'NEW ENGLAND LOOKS AHEAD' SAWYER

A. F. R. O. T. C. Impresses All With Student Activities

Many favorable comments have been received from students, faculty members and local residents who have seen the Corps of Cadets in review. Lt. Col. W. E. Kelly and staff are well pleased.

Mr. Marvin Baevsky and ten cadets are broadening the AFROTC Glee Club to include all interested students after the terrific response shown.

The AFROTC Rifle Team will fire its first meet, for the William Randolph Hearst Trophy, the second week in January. Pete Samaras and Robert Swift have been elected Co-captains for the current year.

Lt. Col. Axel E. Altberg, Deputy Director AFROTC, Hq. 1st Air Force, will visit the unit Thursday, 13 Dec. for the purpose of inspecting the detachment. Colonel Altberg was formerly Asst. Past at University of Maryland.

Admiral J. Frederick Wey, USN, Retired, called on the department in conjunction with Civil Defense. Colonel Kelly assured Admiral Wey that the ROTC will give full cooperation to Prof. Ainsworth and the L.T.I. Civil Defense Program.

The ROTC Band under the auspices of Mr. Bernie Larkin, will play Xmas music for the Xmas Convocation.

ROTC Band

Weighed down by their newly issued white spats and braid cords, the ROTC Band put on an impressive show during the dress drill put on Friday and Saturday last as part of the Open House Program. Inspiring marching music was heard drifting through the clear blue skies over Riverside Street and Textile Avenue as the AF cadets proudly passed in review before Secretary of Commerce Sawyer. Lt. Colonel Kelley, and the school administration heads. The 40 piece unit, under the capable direction of Mr. Bernie Larkin, really added much to the impressive occasion.

On Tuesday, at 11:30, the band played at the annual Christmas Convocation, presenting a medley of traditional Christmas songs in very pleasing style, helping to instill the spirit of the holiday season.

The band has hopes of playing at formal concerts in the Lowell area in the future as they become better organized and are really molded into a thoroughly sound musical unit.

— 30 —

ROTC Band

A Christmas Story

The offices of L. T. I. have taken on a rather cheery look recently. What with the Christmas holidays coming on, the various offices about the college have started a race to see just whose will be the most gaily decorated. All of them have added a very happy note to the hectic Textile scene.

However, forced into this scene of happiness and gaiety has been a definite detrimental and malignant trespass upon the overall glee that has been evident within the confines of this "College of Controlled Circumstance." Once upon a time, not too long ago, some of us older students can remember when one could appreciate the beautiful view seen by gazing from the Registrar's office across the campus to the impressive buildings located there. Recently, however, we who have appreciated the beautiful view, the flamboyant scenery, have been stifled at the very source of our innermost pleasures—that of absorbing all this atmosphere. Little did the responsible person care about the misery and unhappiness that has been caused by this obviously thoughtless and unnecessary action. To be sure the justification of the partition can be realized to some limited extent, but on an overall basis, general consensus feels that it is decidedly harmful, especially to certain students, to deprive them of a few simple pleasures.

While the actual construction of the panel was fairly obvious, the sadistic planning that must have been put into such action seems to be way out of the realm of imagination. It is very apparent that a very clever mind was behind the idea. However, despite numerous grievances to the Student Council in reference to this it was learned, through the powers to be, that the partition, like Gibraltar, will stand.

This sort of event prompts one to think of Rudyard Kipling's immortal poem:

"I think that I shall never see,
(It puts my heart in agony)
Through Ruth Foote's office cross the street
To where the dorms and library meet.
For now it seems, a wall's been built
And many students this did jilt
But what we all would like to know
Is why this crime is really so.
The only question that's raised now,
(And this they really should allow)
Is has this wall been built to keep
Students from watching the Registrar sleep?"

Technical Film Presented To L.T.I.

Mr. Floyd K. Fogelman gave a brief talk and then showed the educational film of the Textile Machine Works illustrating the construction and operation of the Reading Full-fashioned hosiery machine to the senior class of the Lowell Textile Institute.

Mr. Fogelman is the technical writer for the company, and prepared the script and directed the production of the film. At the close of the showing Mr. Fogelman presented the film to the Institute.

The film will be used as supplementary instruction to amplify the lectures and demonstrations on the full-fashioned machines in the Knitting Laboratory. In addition to the historical introduction, the film shows the actions of the most up-to-date machines and includes some unusually clear animated sections showing the formation of the knitted texture.

— 30 —

Open House Features Guests

Dec 14 The Open House Convocation was held today at 3:30 P.M., in the Lowell Memorial Auditorium. Mr. Samuel Phanski, chairman of the Board of Trustees, introduced President Martin J. Lydon, who gave an address of welcome. Greetings were then extended by Mr George C. Ellades, Mayor of Lowell; Mr. Owen B. Kiernan, Vice-Chairman of the Board of Education of Massachusetts, Mr. Orville S. Poland, personal representative of Governor Dever; and Hon. Edith Nourse Rogers, Congressional Representative.

Honorary degrees of Master of Science were conferred on Mr. Walter J. Hamburger, Mr. Harold Letten, Mr. George J. Metcalf, Mr Edward J. Pickard and Secretary of Commerce Charles Sawyer.

Secretary Sawyer spoke on "New England Looks Ahead." His address was carried over the facilities of the Yankee Network. Professor Russell M. Fox assisted in the ceremonies with the presentation of several organ interludes. The opening invocation was spoken by Rev. Robert G. Shane, and the closing benediction by Rev Raymond L. Hyder. A collation was held in Liberty Hall at the conclusion of the ceremonies

— 30 —

A Xmas Address

FROM: G. NATHAN REED,
Dean of Faculty

Merry Christmas to All!

To me, Christmas is the brightest holiday of the year. Perhaps the reason is that, at this particular season, we put aside our own personal problems, cares or worries and, for a few days at least, concentrate our thoughts on giving genuine pleasure to neighbors, friends and loved ones. What a wonderful world this would be if we would carry the Christmas spirit with us throughout the year!

Christmas is followed closely by New Year's—traditionally a period in which we pause momentarily to take stock. While I do not believe in spending too much time in looking backward, still it is a valuable experience at this season to recall the outstanding events of the year just past so that we may reorient our plans for the year ahead. I hope that each of you will return to the Institute with the renewed determination to make 1952 the best year of your life.

Happy New Year!

30

Recent News About Man Made Fibers

(The following article appeared in the New York World Telegram and will be used as the second in the series of articles designed to keep Textile students abreast with the industry.)

Man-made textile fibers are less well known or understood than one might suppose. Yet they are becoming so much a part of everyone's daily life that accurate knowledge of them should be general. It is with this object in mind that the following pocket memo summary was prepared by Joan Fabrics Corp.

Viscose rayon and acetate rayon (cellulose acetate) are the two most commonly used synthetics. Viscose rayon, one of the first of the man-developed fibers, is made like its first cousin, acetate rayon, from wood pulp and cotton linters. Today, it is cheaper than cotton.

More than half of the 700 million pounds sold this year has gone into tires, but viscose also is used in knit and woven goods. Acetate rayon has a softer "hand" or texture and takes readily to dyes. It gets its name from the fact it is processed with acetic anhydride, acetic acid, acetone as well as sulphuric acid.

Nylon Adds Strength

Nylon is customarily made by the interaction of hexamethylene diamine and adipic acid. Its strength is so great that nylon filaments may be stretched to four times their original length without shrinkage or loss of stretch. It dyes and blends easily, has an antipathy for mildew or bacteria and is resistant to abrasion and alkali.

Acrylonitrile is the basic raw material out of which orlon is produced. Known in the trade as an acrylic fiber, orlon is technically one of the polyacrylonitriles. Its staple is comparable to wool in appearance and feel, and like that natural fiber affords high thermal insulation. It blends more easily than it dyes and rates high in wrinkle recovery.

Dacron has introduced a new fiber family to textiles, polyesters. Its remarkable resilience has made it a favorite in the knitting field. Exceptionally wrinkle-resistant, dacron is stronger than wool, nylon or silk. It is produced in England, where it is called terylene.

Dynel Provides Warmth

Dynal came into wide use for the first time this season when it was employed by many garment manufacturers as a lining because it is warmth retaining. It is washable, almost shrinkproof, and holds its shape well.

Other newcomers include vicara, made from corn protein, which resembles wool and dyes even better; saran, a vinyl fiber, used mostly in industrial fabrics, plastic screening and upholstery; and vilyion, a polyvinyl alchol fiber, that can be made to resemble silk, wool or cotton.

Numerous other man-made fibers are in various stages from test tube to experimental use. They will be coming on the market in the next few years. For the present, however, the above list should suffice to keep one abreast of developments to date.

Throughout each town and countryside
The Songs of Christmas Bells
Ring out with all the hope and cheer
That Christmas music tells,
And as you hear these old refrains,
Tidings sweet and clear,
May every one ring in for you
Pleasant days all year.

MERRY CHRISTMAS

Prevues Of Coming Attractions

CALENDAR

Jan. 5—D. K. "Roarin Twentie's" Party
Jan. 8—Basketball—American International at Lowell
Jan. 11—Basketball—New Bedford Textile at Lowell
Jan. 16—Basketball—Brandeis at Waltham
Jan. 18—Basketball—Worcester Teachers at Lowell
Jan. 19—Baskelball—Northeastern at Boston
Jan. 21, 30—Mid year examinations

THE TEXT

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LOWELL TEXTILE INSTITUTE

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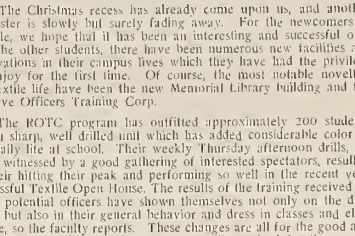
EDITORIAL

The Christmas recess has already come upon us, and another semester is slowly but surety fading away. For the newcomers to Textile, we hope that it has been an interesting and successful one. For the other students, there have been numerous new facilities and innovations in their campus lives which they have had the privilege to enjoy for the first time. Of course, the most notable novelties to Textile life have been the new Memorial Library building and the Reserve Officers Training Corp.

The ROTC program has outfitted approximately 200 students into a sharp, well drilled unit which has added considerable color to the daily life at school. Their weekly Thursday afternoon drills, always witnessed by a good gathering of interested spectators, resulted in their hitting their peak and performing so well in the recent very successful Textile Open House. The results of the training received by these potential officers have shown themselves not only on the drill field, but also in their general behavior and dress in classes and elsewhere, so the faculty reports. These changes are all for the good and betternment of the college, and are readily noticed by those who spent their days under the old regime.

The Library building served as the main attraction in the recent Open House festivities and received great praise from all those who visited the building. The building itself is beautiful, and once it is fully stocked with the necessary books, it will be the best of its kind in the world. The literary and research facilities that this building will offer will make true the dreams of so many men who worked so hard to make the library possible.

For the past several years, Textile has been building. This past semester has marked the opening of some of these innovations and the results are indicative of a bigger and better Lowell Textile Institute. Textile is marching ahead, ably led by an ambitious and hard-working administration. It is hoped that each student will do his best to cooperate in this advance forward, thus lessening the burden on our administrators. You have the best; so appreciate it.



The Text

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Cover To Cover

by David Aelion

Amongst the many books in the library are two works on Textiles published in 1882 and 1892
"The Science of Modern Spinning," by E. Leigh 1882
"The Structure of Fibres, Yarns and Fabrics", by E. A. Possell 1892

It may seem rather odd that in 1952, right in the midst of technological revolutions in every industry as well as in Textiles, I should encourage students to read books published some 60 years ago. The reason for bringing those books to your attention is not so much for their up to date information but more for the principles and theories which are embodied in the two works.

"The Science of Modern Spinning" embraces Mill Architecture, Machinery for Cotton Ginning, Opening, Scutching, preparing and Spinning with all the latest improvements (up to 1882) There are also sections on Steam and Water Power and Shafting Gearing and American systems of belting are compared; generation and application of steam are criticised and explained together with boilers, boiler explosions, etc ; all tending to show where the outlay of capital may be economised and production cheapened.

What will surprise the reader or anyone who takes a look through the pages is the resemblance between most machinery as they were in those days and as they are today The chapters on Mill Engineering are most interesting and offer a means of evaluating the progress made in those 60 years, which is really not much when closely examined. The diagrams and plates in this book are excellent and should serve as an example to publishers of modern books. The diagrams almost speak for themselves and do not need much explanation.

"The Structure of Fibres, Yarns and Fabrics" is another book on the same lines but touching on all the fibres then most commonly used. The book describes the growth and manipulation of cotton, wool, silk, flax jute, ramie and hemp; it also deals with minute details for the structure of all kinds of textile fabrics.

No modern book on Textiles can be compared to those volumes. They are written and layed out in a manner not often met today, and that is where their value lies apart from their contents. The reader will benefit a great deal in that he will gain a good knowledge of the background

(Continued on Page Six)

— 30 —

Student Council

The meeting place of the Council this year formerly was in the Seminar Room as it has been the past six years; but then we were appropriated a room in the new Library. However a more appealing meeting could not have been held than the meeting of Tuesday evening, December 11th, which was held in the pleasant surroundings of the home of Dean and Mrs. Williams in Groton.

The members, wives, Prof. Robertson, and Dean and Mrs. Reed, were the guests of Dean and Mrs. Williams for an excellent buffet dinner. The members' wives were so impressed by Mrs. William's cooking that they inquired for her recipes to the delight of their husbands.

Much to our regret, Dean Williams could not join our congregation because of his recent injury and had to remain in bed.

Following an after dinner gathering (bull-session), the informal meeting was held in the living room.

The latest developments concerning the Student Judiciary Board, the Social Code, and the dormitory resident parking problem were discussed and further plans proposed. Semi-final Open House plans concerning our part in it were hashed over. The Christmas convocation plans have been drawn up by Prof. Fox with his assistants from the S. C. and the ball is rolling.

Upon completion of the meeting, respects were paid to Dean Williams and our sincere thanks were expressed to Mrs. Williams for a delightful evening

W. T. Hocking

— 30 —

MIS-PICKS

by Doug Grady

THE NIGHT BEFORE CHRISTMAS

Twas the night before Christmas and all through the place,
Not a loom was heard weaving, of noise not a trace.
The slubbers, the cards, the pin drafter too,
Were standing around with nothing to do,

The martyrs were nestled all snug in their dorms,
While waiting for court martial, trouble and storms.
The lines had been drawn, and battle was near
Heads soon would be rolling, just whose, we did fear.

When up by the "Club," there arose such a clatter,
I sprang from the bed to see what was the matter.
Away to the window, I flew like a flash,
Tore open the window, it broke with a smash!

The lights 'cross the street showed a turbulent scene,
At least 50 professors led by the Dean,
Had begun operations on burning Smith Hall
With fiery torches, they were having a "ball."

This action, it came as an amazing surprise,
It seemed that their conduct was not very wise.
But, then, it's been said more often than not,
Ours is to note, not explain, all this rot.

However, they moved with agility plenary,
And soon Southwick Hall became a sad memory.
The work of these men was thorough and swift
For before very long all L. T. I. would be myth.

A group of loyal students, not too big but not small
Decided that they would put an end to it all.
So out of their rooms and into the hall,
And down to the street, now dash away all.

The air round the campus was both clear and cold
Which was not the case with these warriors bold,
More rapid than eagles these coursers they came
And they whistled and shouted and called each by name.

"Now Robbie, Now Charlie, Now Andy and James,
Remember your tempers and stop playing these games.
Burn what you want, wreck what you care
But these hallowed old halls oh no!—don't you dare!

The answer we got was not decent or nice
So our slide rules we grasped with a grip like a vise.
As we threw back our arms to defend the college
No reply was heard, at least to our knowledge.

The crisis with violence was about to be smeared
When into their midst a copter appeared
Who should alight oh so lively and quick,
Who else but our old favorite — St. Nick.

"Boys," he said, with his breath hinting sherry,
"This is the time for us all to be merry.
Forget your problems, no matter how vast,
Let's go to the "Club" now and settle this fast."

He sprang to his feet, to the boys gave a whistle
And away they all flew, like the down on a thistle.
But I heard them exclaim as they drove out of sight,
"Merry Christmas to all and to all a good nite."

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ORGANIZATIONS

THE INTERNATIONAL STUDENTS CIRCLE

Members of the Circle have been quite busy lately. Apart the meetings held here at L. T. I., a number of students have been out to give informal talks. Harry Demas spoke to the High School Youth Club on education in Greece. Bernard Kupperschmid and Nelson Leirner spoke to the Spanish Club, and another member compared the behavior and reactions of American boys and girls to those of the same age group in countries on the other side of the Atlantic.

As Christmas draws nearer every day, us foreigners are somewhat amazed, marvelled, dazzled and to a certain extent shocked by the preparations for this most universal holiday. So far we have come to two conclusions:—Christmas here is not a one day or one week affair, but a good six weeks; secondly, it turns out to be an exceedingly expensive exchange of good wishes—expensive to the point that we begin to wonder, from remarks heard here and there, whether Yule tide is welcomed by everybody. There must be a lot of money going from one hand to another, or do husbands receive a fairly heavy mail in the month of January?

Each country has its own little traditional customs that mark this festivity. In the Black Forest near the Swiss border, a wheel wrapped in blazing straw is sent rolling down a snowy hill; if the straw keeps burning to the bottom of the hill, X'mas is sure to be a merry one. In England, serving a boar's head spells Christmas. In Greece, little children go from house to house on Christmas eve singing carols to the tune of a triangular instrument. Traditional customs abound in the Scandinavian countries, the Balkans and others.

Here in the U. S., the main custom seems to be for every town to put on a festive attire and outdo the neighboring city in the lavishness and in-

(Continued on Page Six)

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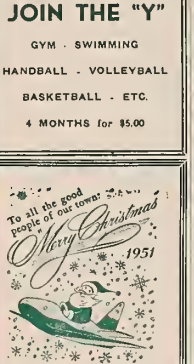

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PI LAM

The LTI open house brought to the Institute a great many of the most important figures in the textile world. Also present were many high school seniors who soon will be seeking to enroll in college. The open house week-end presented a magnificent opportunity to impress favorably those who can do much to further the Institute. The Open House Committee made the most of the opportunity. We wish to congratulate everyone concerned with the open house for its successful execution.

The Pilam house, too, was the scene of doings during the past week-end. The annual Chrisimas Party was well attended by the fraternities, the freshman class, and the faculty. Starting early and ending late, it provided a lot of fun for all who attended and provided, too, a chance for everyone in school to get further acquainted. The social committee deserves a big hand for a difficult job well handled.

Ken Kamerman and Larry Travis have invested in commuter's tickets for six months on Royal Air Coach flights from the Grease Pits. Sandy Brandt can be found each night in front of his mirror practising his handsome smiles. Marv Becker celebrated his birthday by giving everyone in the house three extra degrees of Fahrenheit. But the next day he took it all back.

Interfraternity basketball has started. The basketball team hopes to make this year's championship its fifth in succession.

The stag smoker of December 7 was eminently successful due largely to Mr. Stearns, who, as last year, proved that he is an entertainer without parallel. Thanks for joining in.

Merry Christmas and a Happy New Year!

— 30 —

THE LOWELL TEXTILE PLAYERS

The Beaverbrook Country Club was the scene of considerable excitement on December 7 when, at the first annual Lowell Textile Players Rush Party, Professor Robertson unveiled his Pulitzer Prize attempt, a three act play entitled, "For The Birds."

This play, an intense and moving drama, is based on the lives of several well-known people here at Textile. If bananas are in season, there is a good chance that this opus will be revealed to the public in April.

The Players wish to thank Professor Robertson for his efforts. Any future literary efforts will be welcomed with open arms.

We hope the guests enjoyed our party. We are looking forward to having a large number of new members in the Textile Players.

After Christmas vacation Southwick Hall will once again buzz with activity as the Players buckle down to work on the annual play. We have a big job in store for us. It will be no easy matter to top last year's production, but the inside scoop is that this year's play will be the best ever.

The Orphans Christmas Party, held in Eames Hall lounge on December 16, was a rousing success. Our young guests went home full of ice cream and heavily laden with gifts. We have been asked who that chubby gentleman behind the white beard was. Santa Claus, naturally.

The Players wish you all a very Merry Christmas and a Happy New Year.

30 —

Lulu's Chicken Den

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2 MINUTES FROM TEXTILE

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PHI PSI

by Parker Longbottom

Phi Psi extends its deepest sympathy to the Lewis family in its recent bereavement caused by the death of Roger's father.

"Should Auld Acquaintance Be Forgot?" "No!", says Phi Psi. Cheers filled the house and beers, the members, at our Old-Timers Party. Even the marines landed! (Lt. Jack O'-Donoghue). Clifford and Casey discussed the good old days with instructors Massaehi and Woldzik. Burt Mahoney proved he hasn't lost his touch at the keyboard for his music could be heard all over the house along with the voices of Gregg, Fifield and Churchill. How many more "Hi, Ziggazoombas" can our floor stand?

There was a close contest between brothers Conley and Desrochers for the honor of being Santa Claus at our orphans' party. "Pope", What assistant needs an assistant?

Flash!! L. and L. Winding Works closes! It was learned today that an acute dye lab sample shortage forced this temporary suspension of operations. Maybe you can help. Have you any samples that need to be mounted? Send them to an expert, the senior chemist at Phi Psi, who claims that night light is better than North light, for work with textile.

Phi Psi wishes to extend the Holiday Season's Greetings to all Text readers. Let's greet 1952 at the Frat's New Year's Eve Party!

— 30 —

VARSITY CLUB

Plans are now being made for the Sports Night which will be held sometime in January. At this time, letters and sweaters which have been earned during the preceding two years will be awarded. It is the hope of the Varsity Club that the services of a noted sports personage may be engaged as a speaker, so that the evening may be one that will be remembered. In the past, L. T. I. has had made attempts to conduct similar events; however, there always has occurred a lack of interest on the part of the students. This time, the Varsity Club hopes to establish an evening which will each year continue to be one of the high-lights of the school year.

Another suggestion which the Varsity Club is now working on is the proposal that a subdivision of the Club be formed in order to include minor sports in the present group arrangement. A committee has been formed to investigate the possibility of this move. During the discussion, it was brought out that only the participants in major sports, football, basketball, and baseball, received letters; thus it is felt that more recognition is due to the other sports, especially soccer and lacrosse. The club feels that in this way it can do its part in furthering the cause of the minority sports.

Again, as in the last issue of the TEXT, the Varsity Club asks the students to support the basketball team. The turnout at the opening home game was gratifying; however, this support should not only be continued, but should actually be increased. The nominal time of a game is only about an hour and one-half, so let everyone get up to the gym and give the boys a big boost.

30 —

DELTA KAPPA PHI

Once again, the ever busy brothers of D. K. are at it again. This time it is the coming "Roaring Twenties" party to be held at the house. This party on January 5th, promises to be the biggest thing that ever hit Lowell Textile.

Of course, everyone will be there in the dress of that era. There will be plenty of music by a four piece band—together with some old time motion picture films. So do not forget to get your outfits ready now and we promise that you will have the time of your life at our "Roaring Twenties" party.

As far as living at the house is concerned, life is just a hectic affair. Brother Scegas is still trying to fix the oil burner, whenever he is not trying to elude a short fat man with a brief case. Construction of another bathroom is under way for the benefit of Brother Mettler who does not want to get in any one's way while he sleeps in the bathroom between 7 and 8 a.m. Sturgeon Ernie has been losing a lot of weight lately due to the fact that he has been "cobbling" his food for the past few weeks. Brother Peltekian is in love (with a girl) and is also losing weight. When he is not seeing his girl, Steve can be seen digging a huge ditch in the back of the house, because any day now, he will follow our advice and bury his car.

We would like to leave you with one more reminder for one gala "Roaring Twenties" Party on Saturday night, January 5th.

— 30

THE A.A.T.C.C.

A delegation from our student chapter attended the Annual Meeting of the Northern New England Section of the A.A.T.C.C. at the Vendome Hotel in Boston.

Following the dinner, a business meeting was held where the officers for next year were chosen. Mr. Wendell Lever, re-elected chairman of the Northern New Englaod Section, extended an official welcome from his section to our group. Milton Boches, the Chairmao of the L. T. I. Chapter, extended the services of its members to the parent organization which has already started to map out plans for next year's National Convention to be held in Boston. Our offer was accepted by Chairman Lever who said that it was gratifying to find the textile chemists of tomorrow so interested in the activities of the A.A.T.C.C.

The topic of the technical meeting was "Process Water Treatment for Textile Mills." Mr. A. W. Benoit presented the history and mechanics of conventional water treatment methods. The application of chlorine in the control of microbiological organisms in process waters was discussed by Mr. Stewart Newland. Several individual problems were clarrified in the discussion period.

Our delegation agreed that more students should attend these meetings for they assimilate and present practical applications of the knowledge we accumulate from lectures and text books. The next meeting will be held at the Hotel Commander in Cambridge on the twenty-fifth of January. All members who attend will enjoy a very interesting, informative, and enlightening evening.

30

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OMICRON PI

The coming of the holiday season brings to a close the fraternity rushing programs; the parties, the stags, and all that goes with them. Omicron Pi ellinaxed the most successful rushing campaign in its forty-nine year history with the annual Monte Carlo night. The largest "cash" haul of the evening was made by Frank "Spin that wheel" Cole and Ginny "Roll 'em" Gauthier. Even though the formal program has ended, however, never hesitate to drop in at the house whenever the opportunity exists. The door is always open.

The O Pi dribblers nosed out the illustrious Phi Psi five in overtime, 35-33, in the opening game of the inter-fraternity basketball season. Rumor has it that Bruce Dickison was approached before the game. While on the subject of sports, the bowling team is rolling along, trophy bound, having amassed a total of 25 out of a possible 32 points in eight matches. The team members are well on their way to becoming kings of the pins.

At this time the members of Omicron Pi Fraternity extend to everyone best wishes for a very Merry Christmas and a Happy New Year. And get well quick, President Lydon!

— 30 —

THE NEWMAN CLUB

The regular monthly meeting of the Newman Club was held on Thursday, December 13, at St. Rita's Hall. Guest speaker for the occasion was Father Eugene Dooley, O. M. I., of the Immaculate Conceptiou Church. He gave the group a very inspiring and timely speech.

At this meeting plans were discussed for the formulation of a Glee Club in the near future.

Preceding the meeting, the Social Service Committee presented a program of entertainment for the patients at the Lowell Isolation Hospital. Talent for this presentation was from both Lowell Textile Institute and Lowell State Teachers College.

The next meeting of the club will be held on Thursday, January 10, 1952, at St. Rita's Hall.

This organization wishes to extend to all, its best wishes for a very Merry Christmas and a Happy New Year.

— 30 —

L. T. I. RIFLE TEAM

This year the L. T. I. Rifle team has been blessed by the largest aggregate of potential marksmen in the history of the Club. In addition to the 28 men who have shown an interest in this sport, the Club has seen the formation of the first Women's Division on the L. T. I. Campus. Between the Men's Division and the Women's Division there are some 40 students who have shown an interest.

Another advancement on campus is the addition of a rifle range to be located in the gym. This range, being a portable one, will be moved to the gym floor as it is needed. This will enable many more students to participate in this sport. In past years the members of the team have had to trip to the Lowell Marksmen's Club in order that they could find the facilities to fire. They have been presented with the problem of paying the dues that the Marksman's Club has demanded and also the range fees. This cost to the student will be eliminated due to the range facilities being up in the gym.

At the present time the schedule for the coming season includes 14 matches of which 11 are postal matches and 3 are shoulder to shoulder matches. It is expected that the team will show a favorable record this year as there are many members who show great potential abilities

30

— BUY SAVINGS BONDS —

4 BARBERS at PETE'S MODERN BARBER SHOP 147 CENTRAL AT BRADLEY BLDG

THE FRATERNITY STORY

NOTE: The existence of the Fraternities at Textile Institute is actually threatened by the dormitory situation. The good and bad points of the value of Fraternity life on a college campus were argued about very fervently and many viewpoints were strongly expressed. We would like to present an unbiased opinion of the Fraternity and Sorority question by someone away from our own campus. The following article, The Advantages and Disadvantages of College Sororities and Fraternities was written by Joan Young, Sophomore at Lowell State Teachers College.

So much has been said about the evils of fraternities and sororities that many people never stop to think about the good that these societies perform for their members. Many people are in favor of abolishing these organizations because their faults far outweigh the good they do. The fact that they do have some bad characteristics does not prove fraternities and sororities a failure, any more than the presence of graft in American politics would necessarily prove democratic government a failure.

Fraternities and sororities fill a definite place in the life of a college student by giving him an opportunity to choose intimate friends and associates. This is an argument used by many against these organizations but wherever large groups congregate, cliques will form and our own college is no exception to this rule.

Chapter houses offer young people a home away from home, by serving as living quarters in a more congenial and homey atmosphere than a college dorm. Another service it performs, is providing its members who are "living in" with a well balanced meal, something they would probably very seldom get if left to their own choice.

The members of a fraternity or sorority often work together to better their grades, for a high standard must be maintained in order to retain the sanction of the college. Another inducement for higher grades is the great competitive spirit that exists between different organizations and each member strives to maintain the good standing of his particular organization.

Laboratory Semantics

For some time we have noticed in the monthly summary reports that there has been a marked tendency to use rather loosely certain of the standard phrases that are necessary in these reports. This practice has frequently caused considerable confusion in certain circles where a spade, if called a spade, is often assumed to be a spade. Therefore the following has been prepared with the hope that it will in the future help to avoid this mental discord. Some of the most frequently used phrases are listed, each with a typical example of the correct interpretation that should be placed upon it.

PHRASE	INTERPRETATION
. . . a preliminary study of the problem is being made.	. . . I am trying to find out what this is all about.
. . .this approach to the problem will be undertaken at the first opportunity.	. . . this looks like it's going to be a heck of a job. I wonder if there are any openings at Monsanto.
. . . a literature survey of the problem is being made.	. . . somebody told me that he thinks there was a paper on a related problem in the Analytical Edition of either July 21, 1934 or June 12, 1943. Both of these issues seem to be missing.
. . . in conference with other members of the technical staff, their past experience bears out the fact.	. . . a bull session on sports, women, television, women, foreign affairs, women and related subjects.
. . . other work done on this subject shows that.	My prof at Brooklyn Poly thinks that possibly he may have tried the reaction in a test tube, but he's not sure.
. work has been started.	. . . Edmer and Amend promise deliver on he necessary reflux column in two months. All of the vacuum pumps are tied up at the moment.
. preliminary results are promising.	. . . some of the elder chemists smelled traces of the product in the air.
. . work is progressing.	. . . have succeeded in finding vacuum pump.
. . . this line of attack is still being pursued.	. . . the preparation has now been on the steam bath for 29 days.
. . . some delay has been incurred in finding special equipment.	. . . no clean 50 cc. beakers.
. . . the final phase of the work is being completed.	. . . the reflux column has arrived by way of Stratford with seven of the eight bubble caps broken but otherwise in good condition.
. . tests show that heat is an important variable in the reaction, greatly influencing the yields obtainable.	The guy at the next bench broke two flasks while heating the neck to remove frozen adapters, losing all the product.
. . . a complete tabulation of the results is being made.	Six of the seven observed values will have to be discarded if a straight line is to be obtained.
. . . allowing for experimental error, yields are good.	. . . 3% of theory.
. . . yields are nearly quantitative.	. . . 10.3% of theory.
. . a complete report of this work is being written.	. . . as soon as the vacuum pump is repaired, I will start all over again.

—J. K. G. and T. A. T.

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1951

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CAMPUS COMMENTS

by Harvey A. Dereh

The clock struck 12 in the erie blackness that cloaked the hallowed halls of L. T. I., and a most mysterious thing was occuring. The wall opposite the Dean's office was aglow with a soft phosphorescent glimmering. Presently a small furry **thing**, the size and shape of a small bobbin **extruded** itself from the very wall. This singular occurence repeated itself and soon hundreds of these things (for they only can be described as such, were busily extruding themselves from the wall at what one can only call a rapid rate. The invasion of the Slubnicks had begun!

Quickly and silently, the invader patrols infiltrated into all parts of the Institute, extruding and re-extruding themselves through obstacles in their path. The Slubnicks were soon in control of the entire campus! J. H. Drool, who was in the bathroom reading an opera libretto, later remarked, "The sudden appearance of extruding bobbins covered with fur was extremely unnerving. I was forced to retire to my room and smoke a cigarette." Another eyewitness stated, "They were coming at me, so I ducked." Meanwhile the Slubnicks of the fourth dimension (what else) were performing mysterious things all over the place by the use of their secret esotopic radiations. After radiating energetically for several hours, they apparently gave up and went back to their own dimension by the same means they had previously used in appearing, only in reverse. Everybody breathed a sigh of relief except those who had been forced to crawl into a wall on occasion.

The next day, apparently had promised to be one of ordinary, everyday, normal occurences. As might be expected, it was not. The following strange events were reported.

John Goodwin, on this morning, was smilingly shuffling 8½x5½ pieces of lined paper as his unsuspecting students vivaciously tromped into class. Upon perceiving a drawn movie screen and John Goodwin shuffling papers, they frantically tore for their notes. But it was too late. John Goodwin reached to roll the screen up. A strange thing happened. His hand became entangled with the cord. The screen went up, but so did John Goodwin, and as the class cheered him on, they gasped. The blackboard was blank!

Freddie Burt stepped back to admire his handiwork. The board was covered with gear trains, nipper diagrams and equations representing the U. D. After a minute of silence he said: "class dismissed."

The typewriters given by the class of 1951 for the use of the students, appeared in the library typing room.

A Textile Testing Lecture on statistics took forty minutes.

Many other strange and terrifying things occurred that day. The Slubnicks had successfully carried out a campaign of disruption so unnerving, that several students were plagued with original thoughts. As you all know, a student's parking lot was built the next day, and the dormitories were painted.

Will they return again? I hesitate to answer.

May the most prosperous of all New Years be awaiting you.

We add our thanks to all of you for your support and encouragement in the past.

THE PICKOUT

Lowell Textile Institute

SPORTS

L.T.I. Upends Merrimack In Opener 40-30, Defeated By Clark and New Hampshire

LTI's small but scrappy quintet opened the season with a 40-30 victory over Merrimack College. The Terriers, eager to avenge last year's defeat at the hands of Merrimack, quickly grabbed a commanding lead in the first period. Although never headed during the game, our boys had to put on a last minute spurt to overcome a bad third period in which they blew most of their lead.

Warren McHugh was outstanding for Coach Dave Morey's forces, shining both on offense and defense. McHugh had scored 11 points until he was thrown out of the game for tangling with one of the opposition. The Terriers enjoyed a 12-4 lead at the end of the first period and a 22-15 lead at the half. Arnie Brody did some fancy shooting, hitting with one hand push shots, to score eight points. Joe Morris and Sande Brandt each scored seven points and Don Dooley did yeoman work clearing both backboards all evening long.

Textile suffered its first defeat at the hands of Clark University by a 49-40 score. The game was nip and tuck all the way but the Terriers could not get their offense rolling to any great degree of success. This spotty offense was again responsible for a 67-49 defeat at the hands of the University of New Hampshire. The Terriers enjoyed an 11-10 lead at the end of the first period but fell behind 30 to 21 at the half. The second half saw Textile cutting down the lead several times but they couldn't keep the points pouring through the nets with enough regularity to overcome New Hampshire. Warren McHugh once again stood out on both offense and defense. McHugh scored 15 points while Joe Morris scored 12.

— 30 —

Interfraternity Basketball

Upsets and overtimes mark the beginning of another year of fraternity basketball games. In both the games played so far, the teams had to go into an overtime period to settle the outcome; and in one of these games, the final result proved to be an upset.

The first game saw Phi Psi, runner up in last year's play, take on a "rookie" Omicron Pi team. The rookies did all right for themselves, by coming up with a 35-32 overtime win over the more experienced Phi Psi team. Don Aldrich was deadly for O. Pi, scoring 22 points, while Doug Grady threw in 14 for the losers. Phi Psi held the lead most of the way, including a 5 point half-time advantage, but the tireless O Pi men came through with the first upset of the year.

In the second game, last year's undefeated champs, Pi Lambda Phi got a taste of this year's keen competition and dropped a 30-26 overtime thriller to Delta Kappa Phi, last year's cellar dwellers. The Dukes held a seven point halftime lead which they managed to hold on to until a sudden surge by Smoler from his spot on the side of the court brought Pi Lam up to and ahead of D. K. However, when the buzzer sounded ending the game, the Dekes had caught up and tied the game, sending it into overtime. The overtime period was tightly played, until two successive baskets by Kalantzakos and Mann gave D. K. a lead that they held until the end. Kalantzakos and Uster were high men for D. K., scoring 8 points each, while big Av Smoler dunked in 9 points for Pi Lam.

— 30 —

LTI vs Clark - No. 10 Dan Dooley

Interfraternity Basketball Opens

	Won	Lost
O. Pi	1	0
D. K.	1	0
Phi Psi	0	1
Pi Lamb	0	1

		Points
Aldrich	O Pi	22
Grady	Phi Psi	14
Smoler	Pi Lamb	9
Kalantzakos	D. K	8
McNiff	Phi Psi	8
Uster	D. K.	8

— 30 —

Bowling Results

TEAMS	POINTS
Omicron Pi	17
Phi Psi	16
Delta Kappa Phi	15
Pi Lambda Phi	0

		Points
High team triple	O Pi	1528
High team single	O Pi	549
High man triple	Haddad Phi Psi	331
High man single	Scott O Pi	152
1. Scott	O Pi	103.5
2. Schaaf	O Pi	103.0
3. Phegold	Pi Lamb	101.3
4. Polak	Phi Psi	100.0
5. Simmons	O Pi	100.0
6. Ruta	D K	97.4
7. Haddad	Phi Psi	97.2
8. Wasserman	Pi Lamb	96.1
9. Gilet	Phi Psi	95.3
10. Godfrey	Phi Psi	95.0
Claridge	O Pi	95.0

Gil Palm and Dick Magnasarian were elected co-captains of the L. T. I. Freshman Basketball team for 1951-52. Gil attended Mercersburg Academy where he played basketball for three years and Dick attended Stoneybrook Academy where he was a member of the basketball team for three years. There is little doubt but what such capable leadership will produce one of the finest Freshman teams ever presented at Textile.

Coach Morey Says:

Many undergraduates, and several graduates, have attempted to discuss with me the suspension of football at LTI, and asked if it is likely to be resumed within a year or two. May I, through the columns of your valuable journal, express my personal opinion on the matter, so that my position will be clear to all who are interested.

I believe that my coaching record at Dartmouth, Alabama Polytech, Middlebury, and Bates Colleges will evidence beyond doubt that I do not lack enthusiasm and experience, that I have accepted many assignments which were extremely difficult, and that I have been reasonably successful in my field. Perhaps this will qualify me to offer an opinion.

In my judgement there was no alternative left the Administration other than to suspend football. There were many reasons to justify such action, among which are the financial condition of the Athletic Association treasury; the lack of practice time to condition the team physically, to select and position the personnel, to put on an offence and a defense, which includes time for individual group work, all in forty-five minutes a day; and the lack of proper facilities for practice and games. There are other reasons, but the foregoing will suffice to support my belief.

Under the present conditions, I feel that football is impracticable, not desirable and actually impossible. How soon football will be resumed, or how long the present conditions will obtain, I am in no position to say.

— 30 —

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Little Man On Campus by Bibler

"Class, after glancing through the last test papers I find that some of you could well afford to pay a little more attention to class lectures"

EXAM DAY MINUS TWO

Hah! You four-eye little fiend,
You nadir of the human kind
Who drives us students to despair
And keeps us ever on the grind.

Your course is truly bovine feces
Through which you make the students grovel;
The lectures prove but this to me—
The chalk is mightier than the shovel.

You encompass the total of human knowing
And all the groaning blackboards cram;
And then say to your fuddle students,
"This will comprise your next exam."

EXAM HOUR MINUS ONE

I've done my best.
Long hours have gone into the process
Of trying to memorize in days
A century of human progress.

I've studied your notes with determination
And gallons of midnight perspiration
But still, you awful little man
I'm sure you'll knife me if you can.

THE EXAM

Alas! There's naught that I can do
Screwed again; and proper too.

EXAM DAY PLUS ONE

Ah! You wondrous little man
You zenith of the human kind
Owner of intellect superb
Possessor of tremendous mind.

With your great brain bent to the task
Of grading quizzes, you can, I'm sure
Pick out the scattered crumbs of truth
From answers otherwise obscure.

Indeed, I gladly at your heels
Kneel, with deepest admiration
For the sharpness of your keen discernment,
The grandeur of your cerebration.

Mere errors never great ones irk.
Moderation's always the course most prudent
And so, in the fixing of the grades
Have mercy on your humble student.

— 30 —

Mill Dewings

by Don Siegal

Today, we shall discuss a course with which, I am sure, everyone has come in contact. The course is Physics 101. Of course, being an upper classman I have forgotten many of the finer points of this subject. Nevertheless, I have remembered a few basic facts. I do not know who you had for freshman Physics, but I had a fine instructor. You all know him as Prof. Henry Thomas but I knew him as "Old Angle Theta" Thomas.

Since the old room 361 has been made into three smaller rooms, we lose some of the old flavor of the course. I remember a chap named Zyzycky had an awful time of it trying to hear anything in that room because he sat so far back. He sat so far back that Prof. Thomas used to send him the lecture notes by carrier pigeon. One day the carrier pigeon did not return. A rescue party was sent out to locate Zyzycky and/or the pigeon. To this day we do not know what happened to the two of them. Rumor has it that Zyzycky and pigeon were devoured by hostile natives of that forsaken area. .

I'll never forget 2 objects in that class that never failed to fascinate me. The first was a device for drawing lines on the board. It was made up of 2 rules which could be moved so as to make different angles. It moved along the blackboard on some sort of traverse. Whenever "Old A. T." used it, it always jumped up into its original position. He would turn it all different ways and yet—zip—back again. I am sure that it was some sort of magic. The other object which fascinated me was Prof. Thomas' chalk box. I think that box contained some sort of secret papers regarding the force of 1 dyne acting a distance of 1 joule over a period of 1 vector through a medium of 1 gear train with or without constant decelleration. He guarded that box as though it were part of him. And it served so many purposes. One day it was a locomotive, another an automobile, then it was something or other on an inclined plane. I should hope to kiss a herring, I never saw such a versatile item.

Of all the contraptions thought up by demented minds, I'm sure the next thing I shall mention would easily win an award for being the diabolical device most contributing to the mental collapse of more L. T. I. students than any other—the Vernier. Mine was a simple life, uncomplicated and

(Continued on Page Seven)

XMAS EVE

'Twas the night before Christmas, when all through the school
Not a creature was stirring, not even a tool;
The quizzes were laid on the tables with case,
In hopes that the students soon would be there;
The proctors all stood in the front of the room,
Laughing and jesing at oncoming doom,
The instructor stood off-apart from the rest,
Sadistically smiling — (he made up the test!)
When out in the hall there arose quite a smell
As unfortunate victims arrived with the bell;
All haggard and worn from their long nite of study,
Each looking for help from his favorite buddy.
There were halfhearted jests to soothe jangled nerves,
And a last minute look at the temperature curves,
When what did appear to cause faltering hearts?
One little question — WITH EIGHT SIMPLE PARTS!!!
The class took one look and felt sad and sick;
The quiz was made up by the other "Old Nick".
The instructor took charge of the proctors at hand,
Informing them how to watch over the damned:
"Now Humiston, now Katz, now Gelinas and Dow.
Take your positions to torture these guys now;
To the back of the room- To the side by the wall,
There must be no cheating — no cheating at all!"
The instructor was ready all times to tussle,
And jumped to his feet if the boys moved a muscle.
His clothes were all tarnished with chalk dust and dirt,
(He leered at the co-eds — an innocent flirt),
A bundle of pencils were in his front pocket,
His eyes were lit up, as if in a socket:
He laughed when he saw that the clock neared the hour,
And soaked in that wonderful feeling of power.
And as the bell rang, and the quiz was all finished,
The slow students' hopes of passing diminished.
He spoke not a word, but went straight to his work,
And grabbed all the papers with a pull and a jerk,
And laying a finger on top of his nose,
He said, "Pick up your slide rules and leave, you shmoes."
The students all rose and gave a long, whistle,
And away they all ran as if shot like a mistle.
And we heard them exclaim as they dashed for the train,
"Merry Christmas to all — and a rest for the brain."

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The Current Cinema

by Joel Grill

"Movies Are Better Than Ever"

So say the exhibitors and the film makers, and for once they seem to know what they're talking about. The amount of really good movies hereabouts has reached almost staggering proportions of late. Of course, the Lowell pop corn saloons, never ones to pass up a full-blooded turkey, have not failed to unload such juicy dishes as "The Blue Veil," "Texas Carnival," and "Starlight", on unsuspecting Textile students, usually on the lam from an overpowering amount of due work and in the right mood for a worthwhile picture. However it seems that the good pictures have outweighed the bad

"A Place In the Sun", was really a director's picture, in this case, George Stevens, using Theodore Dreiser's "An American Tragedy" as a basis, Stevens managed to extract of script which kept the drama of the book intact and at the same time, omitted the bombast. He coaxed his principals, Montgomery Clift, Elizabeth Taylor and Shelley Winters, into giving three fine performances. Miss Taylor being the biggest acting surprise of the trio.

"Detective Story," was also originally a play. However it didn't receive the liberal cutting given to "Street Car," ostensibly the story of a detective with a "black-and-white, right-or-wrong," sence of justice, this film really gave some wonderful character actors a field day—notably Lee Grant, as a shoplifter, with a magnificent New York accent, and Joseph Wiseman, as a "four-time loser." Kirk Douglas, as the vengeful detective, and Eleanor Parker, as his harassed wife, were never so good.

—oo—

Truth crushed to earth shall rise again:

The eternal years of God are hers;
But error, wounded, writhes in pain
And dies among his worshipers.

Wm. Cullen Bryant

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MILL DEWINGS

(Continued From Page Six)

pleasant. Then one day the subject of the reading of a vernier was introduced to the unsuspecting class. Personally, I think the main use of the vernier was to foil any student that might, by sheer genius, still be passing. Let us see now. How did that D—thing work. Count the number of lines of the scale less than but equal to or more than the larger scale. The value of the least common resultant of the horizontal and vertical components of the smallest main scale division was equal to the value of 1 or more less larger small divisions. This multiplied by the square root of the mark of your last week's lab report gave a reading of the vernier.

Then there was the lab periods. Humph and I were lab partners. You can not do a thing in this school without a lab partner. The main function of the lab partner at L.T.I is to aid in tracking down students who have already done the experiment and get their data and results. Our first experiment had to do with inclined planes. Having set up the apparatus, which incidentally, was the first inclined plane invented, Humph and I began to slide various material down the plane. We started making bets on which block would get to the bottom first. I made 3.25, 2 slide rules, an autographed picture of Archie Meadles, and an old Wilkie button. You see, I read the experiment the previous week. There are many experiments using heavy weights. Humph and I would get the strangest results some times. Finally I found the answer to our problem. Humph and I used to get on the scale when weighing these metal blocks.. He figured if he stood closer to the scale reading, we would get more accurate results. For obvious reasons Humph and I passed the course. Prof. Thomas had to get rid of us somehow and that was the easy way out. So much for Physics 101.

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Best wishes for a very merry holiday

1951
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COVER TO COVER

(Continued From Page Two)

of the industry and thus be able to understand the present state of the industry as well as be reminded of the underlying principles which are too often ignored by present manufacturers.

For those who have no time to read through the volumes, they might do well to leaf the pages and look at the diagrams. As it is very likely that not many copies are in circulation and that the library at L. T. I. is one of the privileged few to have them, it may be worth while to make the best of this opportunity. The books are much more valuable than I have been able to bring out here. When you return from your Christmas vacations find an evening in which to relax at the Hubbard room and have those books on your lap—opened!

—30—

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THE INTERNATIONAL STUDENTS CIRCLE

(Continued from Page Three)

genuity of decorations. Shop windows are attractively dressed and illuminated. Streets are strewn with garlands and wreaths of colored lights. In some towns one has the impression of being in Fairyland. This is what makes a X'mas spent in the U. S. as memorable as in any other country. However one Christmas here is enough and that explains why the veterans, those who have already been here last year, try to find excitement in other lands. Some go North, to Canada, others South, to Cuba and the Latin American countries where Christmas is not only different in custom but in season too.

For those who are staying in the U. S. no doubt they will find something to do—certainly not in New York, the last place to spend one's Christmas—but here, or in some other town where they may have friends who could make things pleasant and enjoyable for them. For some it is not where they spend Christmas that matters, but who they spend it with. It is therefore advisable for those sentimentalists to find that person, the earlier the better, and make plans for December 24.

The International Circle would like to wish everybody a Merry X'mas and a very Happy New Year.

—30—

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